

New

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	LANCOM LX-6500 / LX-6500E	LANCOM LX-6402	LANCOM LX-6400	LANCOM LX-6200 / LX-6200E	LANCOM OX-6402	LANCOM OX-6400	LANCOM OW-602	LANCOM LW-500	LANCOM IAP-822	LANCOM IAP-821
Item no.	61861 / – (EU) / 61872 (WW) / 61863 / 61873 (10 bulk)	61825 (EU) / 61826 (WW) / 61828 (10 bulk)	61821 (EU) / 61822 (WW) / 61824 (10 bulk)	61871 / 61833 (EU), / 61834 (WW), / 61835 (10 bulk)	61866	61865	61664	61694 (WW) / 61695 (WW, 10 bulk)	61757 (EU) / 61758 (UK) / 61760 (5 bulk)	61755 (EU) / 61756 (UK) / 61759 (5 bulk)
Access Point series & use cases	LX series – Indoor Wi-Fi for medium and high user densities				OX series – Outdoor Wi-Fi for medium and high user densities		Outdoor Wi-Fi for low user densities	Indoor Wi-Fi for low user densities	Industrial access points for harsh environments	
Hardware features										
Gross data rate / Wi-Fi interface	4,800 Mbps (6 GHz) / 2,400 Mbps (5 GHz) / 1,200 Mbps (2.4 GHz)	2,400 Mbps (5 GHz) / 1,200 Mbps (2.4 GHz)	2,400 Mbps (5 GHz) / 1,200 Mbps (2.4 GHz)	1,200 Mbps (5 GHz) / 575 Mbps (2.4 GHz)	2,400 Mbps (5 GHz) / 1,200 Mbps (2.4 GHz)	2,400 Mbps (5 GHz) / 1,200 Mbps (2.4 GHz)	1,200 Mbps (5 GHz) / 575 Mbps (2.4 GHz)	867 Mbps (5 GHz) / 300 Mbps (2.4 GHz)	867 Mbps (5 GHz) / 300 Mbps (2.4 GHz)	867 Mbps (5 GHz) / 300 Mbps (2.4 GHz)
1st Wi-Fi interface	2.4 GHz 802.11b/g/n/ax	2.4 GHz 802.11b/g/n/ax	2.4 GHz 802.11b/g/n/ax	2.4 GHz 802.11b/g/n/ax	2.4 GHz 802.11b/g/n/ax	2.4 GHz 802.11b/g/n/ax	2.4 GHz 802.11b/g/n/ax	2.4 GHz 802.11b/g/n	2.4 GHz 802.11b/g/n / 5 GHz 802.11a/n/ac	2.4 GHz 802.11b/g/n / 5 GHz 802.11a/n/ac
2nd Wi-Fi interface	5 GHz 802.11a/n/ac/ax	5 GHz 802.11a/n/ac/ax	5 GHz 802.11a/n/ac/ax	5 GHz 802.11a/n/ac/ax	5 GHz 802.11a/n/ac/ax	5 GHz 802.11a/n/ac/ax	5 GHz 802.11a/n/ac/ax	5 GHz 802.11a/n/ac	2.4 GHz 802.11b/g/n / 5 GHz 802.11a/n/ac	–
3rd Wi-Fi interface	6 GHz 802.11ax	–	–	–	–	–	–	–	–	–
LAN connector	2x 2.5 Gigabit Ethernet	1x 2.5 Gigabit Ethernet, 1x 1 Gigabit Ethernet	1x 2.5 Gigabit Ethernet, 1x 1 Gigabit Ethernet	1x 1 Gigabit Ethernet	1x 2.5 Gigabit Ethernet, 1x 2.5 Gigabit Ethernet with PoE Passthrough	1x 2.5 Gigabit Ethernet, 1x 2.5 Gigabit Ethernet with PoE Passthrough	2x 1 Gigabit Ethernet	2x 1 Gigabit Ethernet	1x 1 Gigabit Ethernet, 1x 1 Fast Ethernet	1x 1 Gigabit Ethernet
Integrated antennas	Integrated antennas for 6 GHz, 5 GHz, 2.4 GHz, and BLE, LX-6500E additionally with 1x Wireless ePaper	Dedicated antenna for BLE	Integrated antennas for 5 GHz, 2.4 GHz, and BLE	Integrated antennas for 5 GHz, 2.4 GHz, and BLE, LX-6200E additionally with 1x Wireless ePaper	Dedicated antenna for BLE	Integrated 70° WLAN sector antenna, integrated omnidirectional antenna for BLE	Dedicated antennas for BLE	Integrated antennas for 5 GHz and 2.4 GHz	–	–
BLE standard	5.1	5.0	5.0	5.1	5.1	5.1	5.1	–	–	–
Ext. antenna connectors	–	4x reverse SMA (RSMA)	–	–	4x NJ (WLAN)	–	4x NJ (WLAN)	–	4x reverse SMA (RSMA)	2x reverse SMA (RSMA)
Supplied antennas	–	4x dualband WLAN	–	–	4x dualband WLAN	–	2x 2.4 GHz WLAN, 2x 5 GHz WLAN	–	4x dualband WLAN	2x dualband WLAN
USB port	3.0	3.0	3.0	2.0	–	–	–	–	–	–
Power over Ethernet (PoE)	802.bt	802.3at	802.3at	802.3at	802.3bt with and 802.3at without PoE Passthrough	802.3bt with and 802.3at without PoE Passthrough	802.at	802.3af	802.3af	802.3af
Housing and protection rating	Plastic / metal (white)	Plastic / metal (white)	Plastic / metal (white)	Plastic / metal (white)	Plastic / metal (white), IP67	Plastic / metal (white), IP67	Plastic (white), IP67	Plastic (white)	Metal, IP50	Metal, IP50
Temperature range	0°C - +40°C	0°C - +40°C	0°C - +40°C	0°C - +40°C	-30°C - +65°C	-30°C - +65°C	-30°C - +65°C	0°C - +40°C	-20°C - +50°C	-20°C - +50°C
Applicable in medical environments* (EN 60601-1-2)	✓	✓	✓	✓	✓	✓	–	–	–	–
Functions										
WLAN P2P	–	–	–	–	–	–	–	–	up to 32	up to 16
Client mode	–	–	–	–	–	–	–	–	✓	✓
Multi SSID	up to 24	up to 32	up to 32	up to 32	up to 32	up to 32	up to 32	up to 32	up to 30	up to 15
802.1X EAP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WPA 2 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectral Scan	–	–	–	–	–	–	–	–	✓	✓
Support of digital displays	LX-6500 via wireless ePaper USB / LX-6500E integrated	via Wireless ePaper USB	via Wireless ePaper USB	LX-6200 via wireless ePaper USB / LX-6200E integrated	–	–	–	–	–	–

	LANCOM WLC-2000	LANCOM WLC-60
Item no.	62235	61719
Series & use case	WLAN controllers for centralized management of access points	
Hardware features		
Ethernet ports	6x Gigabit Ethernet, 2x SFP+	5x Gigabit Ethernet, 1x SFP
Switchable ports WAN LAN DMZ monitor	✓	✓
Load balancing of multiple DSL connections	4x	4x
Hardware encryption accelerator for CAPWAP / TLS and IPsec	✓	✓
Serial port	✓	✓
USB port	✓	✓
Housing	Metal, 19"	Plastic
Power supply	Internal power adapter (100-240 V, 50-60 Hz)	External power adapter
Number of fans	2 internal fans	– ²
Functions		
Number of managed LANCOM access points and WLAN routers	25 (upgradeable to max. 2,000)	6 (upgradeable to max. 60)
Integrated IPsec gateway	5 channels	5 channels
Advanced Routing & Forwarding	up to 16 VLAN / IP contexts	up to 16 VLAN / IP contexts
Layer-3 tunneling	✓	✓
WLAN RF Optimization	✓	✓
Redundancy, controller backup, and load balancing	✓	✓
Integrated RADIUS server	✓	✓
Public Spot	✓	✓

✓ available / included ○ optional upgrade / extension – not available / unsuitable * suitable for use with medical electrical equipment in non-life-supporting environments

You can find the service and support portfolio at www.lancom-systems.com/service-support or in the [service & support overview](#).

For operation in a virtualized environment, the LANCOM vRouter is also available with a comprehensive range of functions and numerous security features.

The LANCOM vRouter can be used as a virtual VPN router (vCPE), central-site VPN gateway (vGateway), or as a WLAN controller (vWLC). Find out more at: www.lancom-systems.com/vrouter

² Fanless design without rotating parts

04/24